NOTE: The connector used for this test will be one already subjected to the cycling test described in paragraphs (c) (1) and (2) of this section.

Fusing of the contacts will constitute a failure.

(d) Cable connectors must be so designed that they will withstand a pull of 25 pounds without separating subsequent to the cycling tests described in paragraphs (c) (1) and (2) of this section.

§ 26.13 Specifications; portable cables.

(a) All portable cables shall have 600-volt insulation and shall have an outer jacket that is highly resistant to abrasion, moisture, and heat. They shall meet the flame-resistance requirements of Part 18 of this subchapter (Schedule 2F).

(b) The minimum conductor size acceptable for lighting circuits shall be No. 14 (AWG). In any case, cables must have conductors of a size equal to or greater than the National Electric Code standard. The current carrying capacity shall be based upon the maximum load that will be carried by the cables in normal service.

§ 26.14 Conduct of investigations and demonstrations.

Prior to the issuance of a certificate of approval, necessary Government personnel, representatives of the applicant, and such other persons as may be mutually agreed upon, may observe the investigations or tests. After the issuance of a certificate of approval, MSHA may conduct such public demonstrations and tests of the approved system as it sees fit. The conduct of all investigations, tests, and demonstrations shall be under the sole direction and control of MSHA, and any other persons shall be present only as observers. MSHA shall hold as confidential and shall not disclose the results of chemical analyses of material or the contents of the application and its accompanying drawings, specifications, and related material.

[Sched. 29A, 23 FR 9479, Dec. 6, 1958, as amended at 39 FR 24002, June 28, 1974]

§ 26.15 Certificate of approval for permissibility.

(a) Upon completion of investigation of a lighting system, MSHA will issue to the applicant either a certificate of approval for permissibility or a written notice of disapproval, as the case may require. If a certificate of approval for permissibility is issued, no test data or detailed results of tests will accompany it. If a notice of disapproval is issued, it will be accompanied by details of the defects, with a view to possible correction. MSHA will hold as confidential results of tests that terminate in a notice of disapproval.

(b) A certificate of approval for permissibility will be accompanied by a list of the drawings and specifications covering the details of design and construction of the lighting system upon which the certificate is based, and with the official approval number marked thereon. Applicants shall keep exact duplicates of the drawings and specifications that have been submitted to MSHA and that relate to any system which has received a certificate of approval, and these are to be adhered to exactly in production of the approved system for commercial purposes.

§ 26.16 Certification of components.

(a) Upon completion of investigation of a component intended for use in a permissible lighting system, MSHA will issue a letter of certification to the applicant, or a written notice of disapproval, as the case may require. If a letter of certification is issued, no test data or detailed results of tests will accompany it. If a notice of disapproval is issued, it will be accompanied by details of the defects, with a view to possible correction. MSHA will hold as confidential results of tests that terminate in a notice of disapproval.

(b) Letters certifying components may be cited to manufacturers or assemblers of permissible lighting systems as evidence that further inspection and tests of the components will not be required, provided they are constructed strictly in accordance with the specifications on file with MSHA. Such letters will specify a MSHA file